

Gas Turbines/Power Plants

With an increase in demand of the electric utility industry, stationary gas turbines have become more popular in recent years as combined-cycle power plants, peaking power plants and cogeneration facilities. The course discusses uses of gas turbines, fundamentals of operation of modern turbines with emphasis on state-of-the-art controls to achieve some of the lowest emission concentrations for this source category. The course also discusses combined cycles with HRSG units, steam turbines & power generation. This is followed by a detailed discussion on emissions and control techniques such as Dry Low-NOx combustors with staged combustion, water or steam injection followed by SCR & CO catalysts. Applicable federal & local BACT regulations, permitting requirements, and agency inspection procedures & safety concerns are thoroughly discussed.

Hard Hat, Safety Shoes & Glasses required.

September 22, 2010(half day) & **September 23, 2010**(full day)

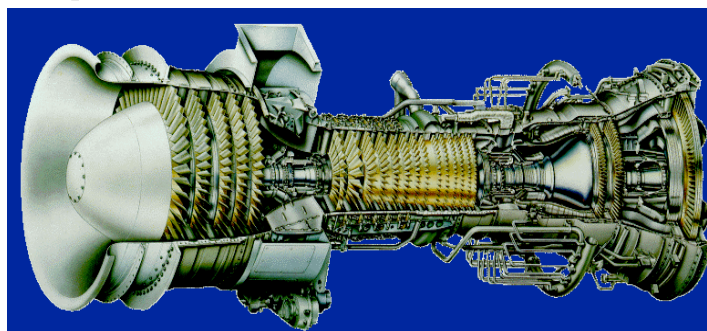
8:30 AM - 5:30 PM

San Joaquin Valley APCD

Kaweah Room

34946 Flyover Court

Bakersfield, CA 93308



REGISTER ONLINE: <http://www.arb.ca.gov/training/registration/registration.php>

Course Web page: <http://www.arb.ca.gov/training/courses.htm>

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